

WHAT IS CLAIMED IS:

1. A document processing apparatus for editing document data to output the edited document data, comprising:

5        converting means for converting a plurality of documents formed by an application program into page document data to be outputted every page;

storage means for SPOOL-storing each of the page document data converted by said converting means;

10      output-subject setting means for designating desirable page document data as output-subject document data SPOOL-stored in said storage means, and for setting an output condition when each of said designated output-subject document data is outputted, and

15      output control means for outputting page document data designated from the respective page document data SPOOL-stored in said storage means based on the contents designated/set by said output-subject setting means in accordance with said output condition.

2. A document processing apparatus as claimed in claim 1

20      wherein:

      said output-subject setting means sets a sequence when the respective page document data are outputted as the output condition when each of the designated output-subject document data is outputted.

25      3. A document processing apparatus as claimed in claim 1

      wherein:

      said converting means converts the documents formed by the respective plural application programs into page document data in a combined data format.

4. A document processing apparatus as claimed in claim 1

wherein:

5 said output-subject setting means forms a virtual document file, and sets both designation information of designated output-subject document data and an output condition when said designated output-subject document data is outputted as storage information into said formed virtual document file; and

10 said output control means outputs page document data in accordance with said output condition, and said outputted page document data is designated from the respective page document data SPOOL-stored in said storage means based upon the content which is set by said output-subject setting means as the storage information in said virtual document file.

15 5. A document processing apparatus as claimed in claim 1

wherein:

20 said output-subject setting means arbitrarily sets a desirable portion contained in the page document data SPOOL-stored in said storage means as an output-suppressing area as an output condition when each of the designated output-subject document data is outputted; and

25 said output control means outputs as a mask, such data corresponding to the area set as the output-suppressing area by said output-subject setting means.

6. A document processing apparatus as claimed in claim 1

wherein:

30 said output-subject setting means arbitrarily sets a desirable portion contained in the page document data SPOOL-stored in said storage means as a sequential number

information adding area as an output condition when each of the designated output-subject document data is outputted; and

5 said output control means adds the sequential number information every output page to the area which is set as the sequential number information adding area by said output-subject setting means.

7. A document processing apparatus as claimed in claim 6

wherein:

10 said converting means converts the document data formed by the application program into image page document data to be outputted; and

15 said storage means SPOOL-storing thereinto a plurality of image page document data converted by said converting means.

8. A document processing apparatus as claimed in claim 1

wherein:

20 when a virtual print by a virtual printer driver is designated while the document formed by said application program is printed, said converting means converts said document into page document data so as to be printed out as to each page;

25 when said virtual print is designated, said storage means SPOOL-stores the respective page document data converted by said converting means in correspondence with said virtual print designating document;

25 said output-subject setting means designates the desirable page data document data among the respective page document data SPOOL-stored in said storage means as print-out-subject document data, and also sets a print output condition, when each of said designated print-out-subject document data

is printed out; and

when said virtual print is designated, said output control means prints out the page document data designated from the respective page document data SPOOL-stored in the storage means based upon the contents designated/set by said output-subject setting means in accordance with said print output condition.

9. A document processing apparatus as claimed in claim 8, further comprising:

judging means for judging as to whether or not the page document data corresponding to said document to be printed has been SPOOL-stored in said storage means when said virtual print is designated by said virtual print designating means; and

10 updating means for updating the print data of said corresponding page document data based upon print data which is newly converted from said document to be printed by said converting means in such a case that said judging means judges that the page document data corresponding to said document to be printed has been SPOOL-stored in said storage means.

10. A document processing apparatus as claimed in claim 8, further comprising:

judging means for judging as to whether or not the page document data corresponding to said document to be printed has been SPOOL-stored in said storage means when said virtual print is designated by said virtual print designating means; and

storage control means for SPOOL-storing thereinto as page document data corresponding to an original document, such

print data which is newly converted from said document to be printed by said converting means in such a case that said judging means judges that the page document data corresponding to said document to be printed has been SPOOL-stored in said storage means.

5 11. A storage medium for storing thereinto a computer readable program code, said program code comprising:

10 a converting program code for converting a plurality of documents formed by an application program into page document data to be outputted every page;

a storage program code for SPOOL-storing each of the page document data converted by said converting program code;

15 an output-subject setting program code for designating desirable page document data as output-subject document data SPOOL-stored in said storage program code, and for setting an output condition when each of said designated output-subject document data is outputted; and

20 an output control program code for outputting page document data designated from the respective page document data SPOOL-stored by said storage program code based on the contents designated/set by said output-subject setting program code in accordance with said output condition.

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